

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY																																																																																																																											
Environment	☐	Design	☐	Doc/Data	☐	Equip/Tooling	☐	Handling/Pre	☐	Material	☐	Internal Transport	☐	Tribal Knowledge	☐	LOA	☐	Substation	☐	Past Expiry Date	☐	Misidentified	☐	No Re-verification	☐	Operator	☐	Offset/Setup	☐	Supplier	☐	Training	☐	Use for Testing	☐	Poor Information	☐	Rushing	☐	Product Improvement	☐	Process Improvement	☐	Manufacturing Process	☐	Past Due	☐	Pressure/Forced	☐	Bending	☐	Centre Not Concentric	☐	Cracks	☐	Crimp/Kink/Ripple/Wave	☐	Cuffs	☐	Crushing	☐	Heat Treat	☐	Wave/Twist in Tube	☐	Marks/Chatter	☐	Temperature/Cure	☐	Set-up	☐	BOM/Route	☐	Broken/Damage/Defect	☐	Inspection Incomplete/Unqualified	☐	Contamination	☐	Countersink	☐	Cut Too Short	☐	Instructions Incomplete/Unclear	☐	Drill Holes	☐	Power Loss/Surge	☐	Folio/Program	☐	Grain	☐	Weld	☐	Wrong Stock Pulled	☐	Out of Sequence	☐	Off-set	☐	Mislabeled	☐	Fit/Function	☐	Misaligned/off center	☐	Positioned Wrong	☐	Outside Dimensions	☐	Over/Under tolerance	☐	Part Incorrect	☐	Part Lost/Missing	☐	Part Moved	☐	Drawing	☐	Finish	☐	Misread	☐	Turning Sequence	☐
OTHER : _____																																																																																																																															

Work Order ID 138282

138282

Page 2

Tuesday, October 27, 2015 11:07:00 AM

Item ID: D350-567-031

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Interior Window For -015 & -025

Start Date: 10/16/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 10/26/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00						27	
130	Packaging					1x	1x	9-89	DEC 07 2015
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-567-031								
	Location: _____								
	PPP Rev: _____								
									DEC 08 2015
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

DEC 08 2015

MF
15-12-08

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐					

Picklist Print

Tuesday, October 27, 2015 11:07:00 AM

Page 1

Work Order ID: 138282

138282

Parent Item: D350-567-031

D350-567-031

Parent Item Name: Interior Window For -015 & -025

Start Date: 10/16/2015

Required Date: 10/26/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue 08-04-25 DD verified by: LL
IPP Rev:B 08-10-07 as per revD DD verified by:
13.10.15 AS PER IIN REV.E DD VERF:JLM

IPP REV:C

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN526C632R12		Purchased	No			120	Each	139.0000	8	8			DAS 6 9-89
AN526C632R12													
Screw													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST327		100							
				m133234		100							
				ST328		39							
				m126474		39							
										8			

BAS
27
9-89

D2463		Manufactured	No			120	f	224.6228	3.75	3.75			DAS 6 9-89
D2463													
1/2" Seal (\$Per Foot)													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST638		224.6227526							
				125469		224.622753							
										175			

BAS
27
9-89

D3210-1		Manufactured	No			120	Each	14.0000	1	1			DAS 6 9-89
D3210-1													
Doubler For Interior Window -015 & -025													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST442		14							
				115011		2							
				116906		1							
				130478		11							

BAS
27
9-89

DEC 04 2015

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QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
Root Cause				FAULT CATEGORY																					
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐														
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐														
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐														
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐														
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐														
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐														
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐														
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐														
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐														
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐														
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :																					
Misidentified	☐	Past Due	☐																						

Picklist Print

Tuesday, October 27, 2015 11:07:00 AM

Page 2

Work Order ID: 138282

138282

Parent Item: D350-567-031

D350-567-031

Parent Item Name: Interior Window For -015 & -025

Start Date: 10/16/2015

Required Date: 10/26/2015

Start Qty: 1.00

Required Qty: 1.00

D3211-1 Manufactured No 120 Each 4.0000 1 1

D3211-1

Bracket For Interior Window For -015 & -025

DAS

8

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

ST438

4

105130

2

129526

2

BAS

27

9-89

D3212-1 Manufactured No 120 Each 9.0000 1 1

D3212-1

Replacement Interior Window For -015 & -025

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

ST437

9

113221

6

113831

3

BAS

27

9-89

D3213-041 Manufactured No 120 Each 11.0000 1 1

D3213-041

Replacement Interior Door For -015 & -025

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

ST437

11

113802

2

134574

9

BAS

27

9-89

MS20470AD4-5 Purchased No 120 Each 734.0000 40 40

MS20470AD4-5

RIVET, UNIVERSAL HEAD

DEC 04 2015

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

GA

713

m128401

701

m128813

12

ST310

21

m128813

21

BAS

27

9-89

Tuesday, October 27, 2015 11:07:00 AM

Shop Packet Print

Page 2

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
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Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

Tuesday, October 27, 2015 11:07:00 AM

Page 3

Work Order ID: 138282

138282

Parent Item: D350-567-031

D350-567-031

Parent Item Name: Interior Window For -015 & -025

Start Date: 10/16/2015

Required Date: 10/26/2015

Start Qty: 1.00

Required Qty: 1.00

MS20470AD4-6

Purchased

No

120

Each

2,017.000

90

90

MS20470AD4-6

RIVET

Location

Loc Qty

Loc Code

CCK004

2017

m131618

502

m133077

1515

90

MS20470AD4-7

Purchased

No

120

Each

1,274.000

20

20

MS20470AD4-7

Rivet, Universal Head

Location

Loc Qty

Loc Code

CCK004

1274

m132536

1274

20

MS21042L06

Purchased

No

120

Each

215.0000

8

8

MS21042L06

Nut

Location

Loc Qty

Loc Code

ST304

212

m132803

64

m133316

48

m133363

100

8

ST305

3

m131317

3

NAS1149DN632J

Purchased

No

120

Each

120.0000

8

8

NAS1149DN632J

Washer

Location

Loc Qty

Loc Code

ST270

120

M127255

10

M128812

49

M132677

61

8

DEC 04 2015 9:39

Tuesday, October 27, 2015 11:07:00 AM

Shop Packet Print

Page 3

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval				
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Root Cause		FAULT CATEGORY									
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
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LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

5.0 PARTS LIST

Qty -015	Qty -017	Qty -025	Qty -027	Qty -111	Qty -117	Part Number	Description
X						D350-567-015	FLOOR WINDOW INSTALLATION (SMALL)
	X					D350-567-017	FLOOR WINDOW INSTALLATION (SMALL)
		X				D350-567-025	FLOOR WINDOW INSTALLATION (LARGE)
			X			D350-567-027	FLOOR WINDOW INSTALLATION (LARGE)
				X		D350-567-111	FLOOR WINDOW INSTALLATION (EXTRA LARGE)
					X	D350-567-117	FLOOR WINDOW INSTALLATION (EXTRA LARGE)
1	1					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
		1	1			D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
				1	1	D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
	1		1	1		D350-567-115	INTERIOR FLOOR WINDOW KIT
1		1			1	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATABLE)

Qty -013	Qty -023	Qty -113	Qty -115	Qty -031	Part Number	Description
X					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
	X				D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
		X			D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
			X		D350-567-115	INTERIOR FLOOR WINDOW KIT
				X	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATABLE)
1					D2125	REPLACEMENT WINDOW, SMALL
	1				D2942	REPLACEMENT WINDOW, LARGE
		1			D3290-041	REPLACEMENT WINDOW ASSEMBLY, EXTRA LARGE
1					D2126-0600	SEAL
	1				D2463-0750	NEOPRENE SEAL
		1			D2463-0860	NEOPRENE SEAL
	9	12			2600-6	¼ TURN FASTENER
	9	12			2600-LW	WASHER
	9	12			212-12	RECEPTACLE
	22	21			AN526C832R9	SCREW (OR AN526C832-9, OR MS51957-126)
	44	42			AN960JD8	WASHER
	22	21			MS21042L08	NUT (OR MS21042-08)
	18	24			MS20426AD3-5	RIVET
2 SQ. YD	2 SQ. YD	2 SQ. YD			N/A	9.7oz 7781 'S' GLASS UNIVERSAL WEAVE
				1	D2463-0450	NEOPRENE SEAL
				1	D3210-1	DOUBLER
				1	D3211-1	BRACKET
				1	D3212-1	FLOOR WINDOW
				1	D3213-041	DOOR ASSEMBLY
			1		D3293-1	DOUBLER
			1		D3294-1	BRACKET
			1		D3295-041	FLOOR WINDOW
			1		D3296-041	DOOR ASSEMBLY
			1		D2463-0530	NEOPRENE SEAL
			9	8	AN526C632R12	SCREW (OR AN526C632-12, OR MS51957-32)
			9	8	AN960JD6	WASHER
			9	8	MS21042L06	NUT (OR MS21042-06)
			2	40	MS20470AD4-5	RIVET
			115	90	MS20470AD4-6	RIVET
			15	20	MS20470AD4-7	RIVET

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Revision: E
Date: 13.08.15